## EAST Search History

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7	extract\$3 adj information same printed adj document same(ccd or camera or CMOS or scanner or sensor\$1)same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bill or money or bills)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/15 23:42
L2	7956	382/181,190,192,199,203,254,162,164,173,263,264.00LS.	USPAT	OR	ON	2010/08/15 23:43
L3	0	1.2 and extract\$3 adj information same printed adj document same(cod or camera or CMCS or scanner or sensor\$1)same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bill or money or bills)	USPAT	OR	ON	2010/08/15 23:44
L4	7	1.2 and extract\$3 adj information and printed adj document and(cod or camera or CMOS or scanner or sensor\$1)same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bill or money or bills)	USPAT	OR	ON	2010/08/15 23:45
L5	6	L4 and(divid\$4 or segmentat\$3)	US-PGPUB; USPAT; EPO; JPO; DEFWENT; IBM_TDB	OR	ON	2010/08/15 23:46
L6	0	L5 and extract\$3 and plurality adj regions	USPAT	OR	ON	2010/08/15 23:47
L7	1	L4 and @ad< "20040122"	USPAT	OR	ON	2010/08/15 23:48
L8	2603	L2 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low adj range adj frequency adj component or low adj range adj pattern adj image or luminance or characteristics)	USPAT	OR	ON	2010/08/15 23:57
L9	5	L8 and extract\$3 adj information and printed adj document and(ccd or camera or CMOS or scanner or sensor\$1)same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bill or money or bills)	USPAT	OR	ON	2010/08/15 23:58
L10	1297	L2 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low and high or luminance)and frequency	USPAT	OR	ON	2010/08/16 00:06

L11	3	1.10 and extract\$3 adj information and printed adj document and(ccd or camera or CMOS or scanner or sensor\$1)same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bill or money or bills)	USPAT	OR	ON	2010/08/16 00:06
L12	0	1.11 and @ad<"20040122"	USPAT	OR	ON	2010/08/16 00:06
L13	1278	503/201,226,202,211,210.00.S.	USPAT	OR	ON	2010/08/16 00:09
L14	0	L13 and extract\$3 adj information and printed adj document and(ccd or camera or CMOS or scanner or sensor\$1)same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bill or money or bills)	USPAT	OR	ON	2010/08/16 00:10
L15	0	L13 and extract\$3 adj information and printed adj document and(cod or camera or CMOS or scanner or sensor\$1)and(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bill or money or bills)	USPAT	OR	ON	2010/08/16 00:10
L16	0	L13 and extract\$3 adj information and printed adj document and(cod or camera or CMOS or scanner or sensor\$1)same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bill or money or bills)	USPAT	OR	ON	2010/08/16 00:11
L17	10	1.13 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low and high or luminance)and frequency	USPAT	OR	ON	2010/08/16 00:12
L18	2	1.17 and @ad<"20040122"	USPAT	OR	ON	2010/08/16 00:12
L19	4748	347/8,102,43,171,19.00LS.	USPAT	OR	ON	2010/08/16 00:14
L20	3	1.9 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low and high or luminance)and frequency	USPAT	OR	ON	2010/08/16 00:14
L21	12975	428/329,914,172,916,207,208,913,317.9,320.2,164,165.cds.	USPAT	OR	ON	2010/08/16 00:17
L22	239	21 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low and high or luminance)and frequency	USPAT	OR	ON	2010/08/16 00:17
L23	0	1.22 and extract\$3 adj information and printed adj document and(ccd or camera or CMOS or scanner or sensor\$1)same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bill or money or bills)	USPAT	OR	ON	2010/08/16 00:17
L24	248	"L122" and @ad<"20040122"	USPAT	OR	ON	2010/08/16 00:18

L25	133560	4nd(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low and high or all frequency	USPAT	OR	ON	2010/08/16 00:19
L26	21	124 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low and high or luminance)and frequency	USPAT	OR	ON	2010/08/16 00:19
L27	0	1.26 and extract\$3 adj information same printed adj document same(cod or camera or CMCS or scanner or sensor\$1)same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bill or money or bills)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/16 00:20
.28	0	126 and extract\$3 adj information same printed adj document and(cod or camera or CMOS or scanner or sensor\$1)and(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bill or money or bills)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/16 00:21
L <u>2</u> 9	0	126 and extract\$3 adj information same printed adj document same(cod or camera or CMOS or scanner or sensor\$1)same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bill or money or bills)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/16 00:21
L39	1	preventing and unauthorized adj copying and contents same printed adj paper and acquiring adj pattern and(imag\$4 or ccd or detector or camera or sensor \$1)and(paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/16 00:37
S1	2	*5974150°.pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 12:51
S2	2	"5974150",pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 12:59

83	1114	(("(4278722") or ("4591707") or ("5555006") or ("5559075") or ("5677716") or ("5877865") or ("4495012") or ("4589884") or ("4619389") or ("4756956") or ("4971858") or ("4971858") or ("539417") or ("5237923") or ("5297871") or ("5319417") or ("5339417") or ("544622") or ("5446225") or ("5416058") or ("5444212") or ("5454309") or ("5527757") or ("5563694") or ("5606628") or ("5615280") or ("5677722") or ("5759752") or ("5838338") or ("5863859") or ("5930404") or ("6145955") or ("6102509") or ("6109178") or ("6120200") or ("4263387") or ("4263387") or ("4263387") or ("4286886") or ("4294637") or ("4286886") or ("4294637") or ("4303459") or ("4305987") or ("4314159") or ("4325196") or ("1). PN. )). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/02/22 13:17
\$4	115	preventing and unauthorized adj copying and contents and printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:20
S5	101	S4 and (paper adj money or certificates or personal adj works)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:22
36	93	S5 and(@ad<"20040122" or @riad<"20040122" or @prad<"20040122" or @ptad<"20040122")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:27
57	59	\$5 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:27
38	0	S7 and acquiring adj pattern same printing adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:45
S9	0	S7 and acquiring adj pattern with printing adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:45

S10	0	S7 and acquiring adj pattern	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:45
S11	101	S4 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:46
S12	59	S11 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:46
S13	59	\$12 and(acquiring adj pattern or imag\$4 or ccd or detector or camera or sensor \$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:47
S14	0	\$12 and acquiring adj pattern and(imag\$4 or ccd or detector or camera or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:48
S15	59		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:48
S16	3	\$12 and(imag\$4 or ccd or detector or camera or sensor\$1)and capturing and pattern	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:49
S17	3		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:51

S18	3	S17 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 13:51
S19	104	S4 and (paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:04
320	98	\$19 and pattern and(imag\$4 or ccd or detector or camera or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:04
21	0	\$19 and capturing adj pattern and(imag\$4 or ccd or detector or camera or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:05
322	8	\$19 and capturing and pattern and(imag\$4 or cod or detector or camera or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:06
23	3	\$22 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:06
24	0	S3 and preventing and unauthorized adj copying and contents and printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:09
25	6	S3 and (paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:10

526	6	\$25 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:10
<b>3</b> 27	1	S4 and (low adj range adj frequency adj component or low adj range adj pattern adj image)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:16
328	0	S3 and (low adj range adj frequency adj component or low adj range adj pattern adj image)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:16
329	8	\$4 and(imag\$4 or cod or detector or camera or sensor\$1 or scanner)and capturing and pattern	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:23
330	8	\$29 and (paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:23
331	97	\$4 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low adj range adj frequency adj component or low adj range adj pattern adj image or luminance or characteristics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:27
332	97	S31 and (paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:28
333	7	\$32 and(imag\$4 or ccd or detector or camera or sensor\$1 or scanner)and capturing and pattern	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:28

S34	3	S33 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:28
S35	175478	(paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:31
S36	115	preventing and unauthorized adj copying and contents and printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:32
S37	447852	(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low adj range adj frequency adj component or low adj range adj pattern adj image or luminance or characteristics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:32
S38	51216	(imag\$4 or ccd or detector or camera or sensor\$1 or scanner) and capturing and pattern	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:33
S39	104	S35 and S36	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:33
\$40	97	S37 and S39	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:34
S41	7	S40 and(imag\$4 or cod or detector or camera or sensor\$1 or scanner)and capturing and pattern	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:34

S42	3	S41 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:35
S43	52124	S35 and(verification or authentication or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:36
S44	9846	S43 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low adj range adj frequency adj component or low adj range adj pattern adj image or luminance or characteristics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:36
S45	10874	\$43 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low adj range adj frequency adj component or low adj range adj pattern adj image or luminance or characteristics or luminance or brightness or intensity or contrast or grey adj values or gray adj values)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:41
S46	1	\$45 and preventing adj unauthorized adj copying and contents and printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:42
S47	431	S45 and copying and contents and printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:43
S48	330	\$47 and(@ad<"20040122" or @rlad<"20040122" or @prad<"20040122" or @prad<"20040122" or @prad<"20040122" or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:44
S49	159	S47 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:44

\$50	4293	S43 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low adj range adj frequency adj component or low adj range adj pattern adj image or luminance or brightness or intensity or grey adj values or gray adj values)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:50
351	10706	\$35 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low adj range adj frequency adj component or low adj range adj pattern adj image or luminance or brightness or intensity or grey adj values or gray adj values)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:51
S52	9	\$39 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low adj range adj frequency adj component or low adj range adj pattern adj image or luminance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:54
S53	123	preventing and unauthorized adj copying and printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:56
354	107	\$35 and \$53	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:57
355	9	\$54 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and luminance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:58
356	3	\$55 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 14:59
357	641	\$43 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and luminance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:01

358	641	\$57 and(paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:02
359	641	\$58 and(verification or authentication or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:03
360	335	S59 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:03
361	113	preventing and unauthorized adj copying and printed adj paper and (verification or authentication or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:04
362	8	S61 and(extract\$3 or divid\$4 or segmentat\$3)same luminance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:04
363	3	\$82 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:04
664	13	(extract\$3 or divid\$4 or segmentat\$3)same luminance same(paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:18
665	2	S64 and(verification or authentication or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:19

366	0	\$65 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:19
67	0	\$3 and(extract\$3 or divid\$4 or segmentat\$3)same luminance same(paper adjimoney or certificates or personal adj works or bar adjicode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:20
368	0	\$3 and(extract\$3 or divid\$4 or segmentat\$3)and luminance same(paper adj imoney or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:20
369	1	\$3 and(extract\$3 or divid\$4 or segmentat\$3)and luminance and(paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:20
 670	1	S69 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:21
571	67832	(watermark\$3 near image\$1 or preventing or unauthorized adj copying or printed adj paper)and(verification or authentication or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:30
572	9615	(watermark\$3 near image\$1 or preventing or unauthorized adj copying or printed adj paper)same(verification or authentication or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:30
573	1	\$72 and(extract\$3 or divid\$4 or segmentat\$3)same luminance same(paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:31

S74	61	\$4 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/22 15:33
S75	8924	[watermark\$3 near image\$1 or preventing or unauthorized adj copying or printed adj paper or steganographic or marker or dot or holographic)and (verification or authentication or validity)and(paper adj money or certificates or personal adj works or bar adj code)and(depth or ranges\$1 or intensit\$3 or brightness or gray or grey or luminance or luminances\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:35
S76	16	(watermark\$3 near image\$1 or preventing or unauthorized adj copying or printed adj paper or steganographic or marker or dot or holographic)same (verification or authentication or validity)same(paper adj money or certificates or personal adj works or bar adj code)same(depth or ranges\$1 or intensit\$3 or brightness or gray or grey or luminance or luminances\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:36
S77	7	\$76 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:36
S78	725	(watermark\$3 near image\$1 or preventing or unauthorized adj copying or printed adj paper or steganographic or marker or dot or holographic)same (paper adj money or certificates or personal adj works or bar adj code)same (depth or ranges\$1 or intensit\$3 or brightness or gray or grey or luminance or luminances\$1 or low adj luminance or high adj luminance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:43
S79	546	\$78 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:44
S80	35	[(extract\$3 or divid\$4 or segmentat\$3)same(watermark\$3 near image\$1 or preventing or unauthorized adj copying or printed adj paper or steganographic or marker or dot or holographic)same(paper adj money or certificates or personal adj works or bar adj code)same(depth or ranges\$1 or intensit\$3 or brightness or gray or grey or luminance or luminances\$1 or low adj luminance or high adj luminance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:47
S81	25	\$80 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/23 11:47

382	2	*7054461".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 10:57
383	2	S82 and(extract\$3 or divid\$4 or segmentat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 10:58
884	1	S92 and(divid\$4 or segmentat\$3)same image	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 11:01
<b>38</b> 5	1	S32 and (area or region)same division	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 11:03
386	0	S82 and (area or region)same division same predetermined same profile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 11:04
 287	0	S82 and (area or region)same division and predetermined and profile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 11:04
388	0	\$82 and (area or region)and division and predetermined and profile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 11:04
389	2	S82 and (extract\$3 or extraction)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 11:29

S90	1	"7735144".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 16:26
391	1	"7735120".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 16:26
392	1	*7735065*,pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/08 16:27
393	93	preventing and unauthorized adj copying and contents same printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 13:52
394	51	S93 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 13:53
395	0	\$94 and acquiring adj pattern and(imag\$4 or ccd or detector or camera or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 13:53
396	1	preventing and unauthorized adj copying and contents same printed adj paper and acquiring adj pattern and(imag\$4 or cod or detector or camera or sensor \$1)and(paper adj money or certificates or personal adj works or bar adj code)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 13:56
397	1	printed adj paper and acquiring adj pattern and(imag\$4 or cod or detector or camera or sensor\$1)and(paper adj money or certificates or personal adj works or bar adj code)and(storag\$4 or memory or LUT or storing)and(verification or authentication or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 13:59

598	1	printed adj paper and acquiring adj pattern and(imag\$4 or ccd or detector or camera or sensor\$1)and(paper adj money or certificates or personal adj works or bar adj code or currency or bank adj note)and(storag\$4 or memory or LUT or storing)and(verification or authentication or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 14:00
399	4	acquiring adj pattern and(imag\$4 or cod or detector or camera or sensor\$1) same(paper adj money or certificates or personal adj works or bar adj code or currency or bank adj note)and(storag\$4 or memory or LUT or storing)and (verification or authentication or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 14:01
3100	1	S99 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/11 14:01
5102	140	acquiring adj image same(paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper)same(imag\$4 or ccd or detector or camera or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 10:55
5103	0	acquiring adj image same(paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper)same(imag\$4 or cod or detector or camera or sensor\$1)same(storage or memory)same(verify \$3 or validity)same print\$3 adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 10:59
\$104	0	acquiring adj image same(paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper)same(imag\$4 or cod or detector or camera or sensor\$1)same(storage or memory)same(verify \$3 or validity)same (paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:00
\$105	0	acquiring adj image same(paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper)same(imag\$4 or cod or detector or camera or sensor\$1)same(storage or memory)same(verify \$3 or validity)same (paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:01
3106	0	\$101 and(verify\$3 or validity)same(paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:02

S107	0	\$101 and(verify\$3 or validity)and(paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:02
S108	0	S101 and(verify\$3 or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:03
S109	18	acquiring adj image same(paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper)same(imag\$4 or cod or detector or camera or sensor\$1)and(verify\$3 or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:04
S110	14	S109 and(storage or memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:04
S111	11	S110 and(@ad<"20040122" or @rlad<"20040122" or @prad<"20040122" or @ptad<"20040122")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:05
S112	8	S110 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:05
S113	0	acquiring adj image same(paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper)same(imag\$4 or cod or detector or camera or sensor\$1)and(verify\$3 or validity)same printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:07
S114	2	acquiring adj image same(paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper)same(verify\$3 or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:08

S115	0	S114 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:10
3116	18	acquiring adj image same(paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper)and(verify\$3 or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:11
\$117	8	S116 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:12
S118	8	S117 and(storage or memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:12
S119	3	acquiring adj image same(paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper)and identify\$3 same(verify\$3 or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:18
S120	1	S119 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:18
S121	0	acquiring adj image same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode)same identify\$3 same(verify\$3 or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:21
5122	6	acquiring adj image same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode)and identify\$3 same(verify\$3 or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:21

S123	3	S122 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; BM_TDB	OR	ON	2010/07/13 11:22
S124	406	(acquir.\$3 or obtain\$3 or generat\$3)near3 image same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode)and identify\$3 same(verify\$3 or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:25
S125	44	(acquir \$3 or obtain \$3 or generat \$3) near3 image same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode) same identify \$3 same(verify \$3 or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:26
S126	25	(acquir\$3 or obtain\$3 or generat\$3)near3 image same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode)same identify\$3 same(verify\$3 or validity)same(storage or memory)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:26
S127	25	(acquir\$3 or obtain\$3 or generat\$3)near3 image same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode)same identify\$3 same(verify\$3 or validity)same(storage or memory or storing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:27
S128	7	\$127 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:27
S129	9103	(acquir\$3 or obtain\$3 or generat\$3)near3 image same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13
S130	100	\$129 and identify\$3 same(verify\$3 or validity)same(storage or memory or storing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:31

S131	30	\$130 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:31
S132	190	(acquir\$3 or obtain\$3 or generat\$3)near3 digital adj image same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bills)same (camera or cod)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:49
S133	2	\$132 and identify\$3 same(verify\$3 or validity)same(acquir\$3 or obtain\$3 or generat\$3)near3 digital adj image same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bills)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:51
S134	0	\$133 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:51
S135	0	extract\$3 near3 digital adj image same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bills)same(camera or ccd)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:52
S136	50	extract\$3 adj image same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bills) same(camera or cod)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:52
S137	28	S136 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:53
S138	0	\$137 and identify\$3 same(verify\$3 or validity)same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bills)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:53

S139	7	\$137 and identify\$3 and(verify\$3 or validity)same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bills)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:53
\$140	35	\$136 and(extract\$3 or divid\$4 or segmentat\$3)and(low adj range adj frequency adj component or low adj range adj pattern adj image or luminance or characteristics or luminance or brightness or intensity or contrast or grey adj values or gray adj values)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:56
5141	9	S140 and identify\$3 and(verify\$3 or validity)same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bills)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:56
5142	7	S141 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:57
5143	35	S136 and S140	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 11:57
5144	21	S143 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 12:04
6145	72	(extract\$3 or divid\$4 or segmentat\$3)same luminance same(paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper or barcode or bills)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 12:49
S146	45	S145 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 12:50

S147	1460	(ccd or camera or CMOS or scanner)same(acquir\$3 or obtain\$3 or generat\$3) adj image\$1 same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bill or money or bills)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 13:08
S148	11	\$147 and (extract\$3 or divid\$4 or segmentat\$3)same luminance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 13:09
S149	5	\$148 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 13:09
S150	1214	S147 and(storage or memory or storeing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 13:16
3151	4	\$150 and(divid\$4 or segmentat\$3)same luminance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 13:17
S152	3	S151 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 13:18
S153	2	S152 and extract\$3 same luminance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 13:20
\$154	0	S153 and low adj luminance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 13:20

\$155	0	S153 and high adj luminance	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 13:21
S156	422	\$147 and(divid\$4 or segmentat\$3)same image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 13:30
3157	0	S156 and extract\$3 adj plurality adj regions	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 13:30
\$158	7	S156 and extract\$3 and plurality adj regions	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 13:31
\$159	7	S158 and(storage or memory or storeing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 13:31
\$160	2	\$159 and identify\$3 and(verify\$3 or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 13:32
\$161	2	S160 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 13:32
3162	0	S161 and(profile or histogram)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:27

S163	641	\$147 and(profile or histogram)	US PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:28
S164	283	\$163 and(divid\$4 or segmental\$3)same image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:28
S165	1	S164 and extract\$3 and plurality adj regions	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:29
S166	256	\$164 and(storage or memory or storing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:30
S167	130	\$166 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:30
S168	1	\$167 and extract\$3 and plurality adj regions	US-PGPUB; US-PAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:30
S169	0	S168 and identify\$3 and(verify\$3 or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:31
S170	108	\$167 and identify\$3 and(verify\$3 or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:31

S171	0	\$170 and extract\$3 and plurality adj regions	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:31
S172	4	S170 and extract\$3 adj(regions or area)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:32
3173	5	(ccd or camera or CMOS or scanner)same(acquir\$3 or obtain\$3 or generat\$3) adj image\$1 same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bill or money or bills)same printed adj document	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:35
S174	7	extract\$3 adj information same printed adj document same(cod or camera or CMOS or scanner or sensor\$1)same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bill or money or bills)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:46
S175	0	S174 and(profile or histogram)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:46
S176	0	S174 and extract\$3 adj(regions or area)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:48
S177	0	S173 and extract\$3 adj(regions or area)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:48
S178	0	S174 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:49

5179	283	S156 and(profile or histogram)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:51
S180	1	S179 and extract\$3 and plurality adj regions	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:51
3181	1	\$180 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:52
5182	0	\$181 and identify\$3 and(verify\$3 or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:53
S183	0	S181 and(verify\$3 or validity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:53
S184	1	S181 and low adj luminance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:55
S185	1	S184 and high adj luminance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:55
S186	0	\$181 and identify\$3 and(verify\$3 or validity or tampering or counterfit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:57

S187	30305	\$181 and(verify\$3 or validity or tampering or counterfit)aqnd printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:58
S188	0	\$185 and(verify\$3 or validity or tampering or counterfit)and printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:59
S189	49	S147 and(verify\$3 or validity or tampering or counterfit)and printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:59
S190	11	S189 and @ad<"20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 14:59
S191	2	S190 and(profile or histogram)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:00
S192	0	\$191 and(divid\$4 or segmentat\$3)same image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:00
S193	0	(S191 and(divid\$4 or segmentat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:00
S194	6	S190 and(divid\$4 or segmentat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:00

S195	0	S194 and(profile or histogram)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:01
S196	4	S194 and extract\$3 and plurality adj regions	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:01
S197	4	S196 and luminance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:01
S198	0	S197 and(profile or histogram)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:09
S199	2	(cod or camera or CMOS or scanner)same(acquir\$3 or obtain\$3 or generat\$3) adj image\$1 same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bill or money or bills) and(verify\$3 or validity or tampering or counterfit)same printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:10
<b>32</b> 00	49	(cod or camera or CMOS or scanner)same(acquir\$3 or obtain\$3 or generat\$3) adj image\$1 same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bill or money or bills) and(verify\$3 or validity or tampering or counterfit)and printed adj paper	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:11
3201	31	S200 and(profile or histogram)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:11
3202	7	S201 and(divid\$4 or segmentat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:12

5203	0	S202 and extract\$3 and plurality adj regions	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:12
\$204	0	\$202 and extract\$3 adj regions	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:12
\$205	7	\$202 and extract\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:12
\$206	0	\$205 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:13
\$207	0	extract\$3 adj informat\$3 same printed adj paper same(ccd or camera or CMOS or scanner)same(acquir\$3 or obtain\$3 or generat\$3)adj image\$1 same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bill or money or bills)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:15
\$208	6	extract\$3 adj informat\$3 and printed adj paper same(cod or camera or CMC\$ or scanner)same(acquir\$3 or obtain\$3 or generat\$3)adj image\$1 same(paper adj money or certificates or personal adj work or bar adj code or currency or book or printed adj paper or barcode or bill or money or bills)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:15
3209	0	S208 and(profile or histogram)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:15
\$210	3	\$208 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 15:16

S211	2	<sup>1</sup> 20100067807".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 16:15
S212	0	\$211 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/13 16:15
S213	0	samer-ahmed.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/06 15:23
S214	0	samer-ahmed.xp.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/06 15:23
S215	1104	Ahmed-sam\$.xp.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/06 15:24
S216	63	Ahmed-sam\$, xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/06 15:25
S217	3	\$215 and watermark and identification and yellow	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/06 15:26
S218	1	\$217 and @ad< "20040122"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/06 15:32

S219	0	\$218 and printed adj "matter."	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/06 15:39
S220	1	\$218 and printed adj matter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/06 15:39
S221	0	\$220 and acquiring adj image and(paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper or paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper)and(imag\$4 or ccd or detector or camera or sensor \$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/06 15:40
S222	0	S220 and(paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper or paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper)and(imag\$4 or ccd or detector or camera or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/06 15:41
S223	1	\$220 and(paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper or paper adj money or certificates or personal adj works or bar adj code or currency or book or printed adj paper or watermark)and(imag\$4 or cod or detector or camera or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/06 15:41
S224	0	\$223 and(extract\$3 or divid\$4 or segmentat\$3)and pattern and(low adj range adj frequency adj component or low adj range adj pattern adj image or juminance or characteristics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/06 15:43
S225	0	\$223 and(extract\$3 or divid\$4 or segmentat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/08/06 15:44

## EAST Search History (Interference)

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8/16/10 12:44:08 AM

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